Approved for use through 04/30/2003. OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO	COMPLETE IF KNOWN			
(FEB 0 6 2004 S)	Application Number	10/645,080		
SINFORMATION DISCLOSURE	Confirmation Number	6935		
INFORMATION DISCLOSURE  FATEVIENT BY APPLICANT	Filing Date	08/21/2003		
(use as many sheets as necessary)	First Named Inventor	Erik John Hasenoehrl		
	Group Art Unit	1615		
	Examiner Name	HASAN S. AHMED		
SHEET 1 of 2	Attorney Docket Number	9344		

# **U. S. PATENT DOCUMENTS**

EXAMINER	Cite	DOCUMENT NUMBER			Pages, Columns, Lines Where
INITIALS*	No.¹	Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
Ala	01	2001/0026792 A1	10/04/2001	Farrell et al	
7	02	2002/0037255 A1	03/28/2002	Charamubura et al	
	03	2002/076554 A1	06/20/2002	Stopper	
	04	2002/182245 A1	12/05/2002	Thomson	
	05	2003/0059387 A1	03/27/2003	Bergquist	
	06	2003/0063136 A1	04/03/2003	J'Maev	
	07	2003/0064042 A1	04/03/2003	Bergquist	
	08	2003/0084914 A1	05/08/2003	Simon	
1 1	09	2003/0084994 A1	05/08/2003	Simon	
	10	2003/0199404A1	10/23/2003	Lorenzi et al.	
	11	1,808,834	06/01/1931	Busch, Sr.	
	12	3,472,242	10/14/1969	Demner	
	13	4,203,857	05/20/1980	Dugan	
	14	4,234,442	11/18/1980	Cornelissens	
1	15	4,272,393	06/09/1981	Gergely	
	16	4,397,754	08/09/1983	Collishaw et al.	
<u> </u>	17	4,436,780	03/13/1984	Hotchkiss et al.	
	18	4.515,703	05/07/1985	Haq	<del>                                     </del>
	19	4.600.620	07/15/1986	Lloyd et al.	1
	20	4,603,069	07/29/1986	Hag et al.	1
	21	4,852,201	08/01/1989	Wundrock et al.	
	22	4,866,806	09/19/1989	Bedford	
	23	4,906,513	03/06/1990	Kebbell et al.	-
	24	4,948,585	01/15/1991	Amstad	***************************************
	25	4,987,632	01/29/1991	Rowe et al.	
	26	4,993,099	02/19/1991	Emura et al.	
	27	5,055,216A	10/08/1991	Johnson	
	28	5,470,323A	11/28/1995	Smith et al.	
	29	5,595,807A	01/21/1997	Gooding, Jr., et al.	
	30	5,639,532A	06/17/1997	Wells	
	31	5,720,949A	02/24/1998	Davis	
<del></del>	32	5,762,946A	06/09/1998	Gueret	
	33	5,771524A	06/30/1998	Woods et al.	
<del></del>	34	5,956,794A	09/28/1999	Skiba et al.	
	35	6.029.809A	02/29/2000	Skiba et al.	
<del></del>	36	6,063,390A	05/16/2000	Farrell et al.	
	37	6,106,849A	08/22/2000	Malkan et al.	<u> </u>
	28	6,121,215A	09/19/2000	Rau	<del> </del>
<del></del>	39	6,153,222A	11/28/2000	Becher	<del> </del>
<del></del>	40	6,156,323A	12/05/2000	Verdicchio et al.	<del> </del>
<del>                                     </del>	41	6,217,854A	04/17/2001	Farrell et al.	<del> </del>
<del></del>	42	6,217,889A	04/17/2001	Lorenzi et al.	
<del></del>	43	6,294,182A	09/25/2001	Znaiden et al.	<del> </del>
<del></del>	44	6,267,975A	07/31/2001	Smith, III, et al.	<del> </del>
<del>- 4</del>	45	6,322,801A	11/27/2001	Lorenzi et al.	<del> </del>
312	46		12/10/2002	Lorenzi et al.	<del> </del>
	_+0_	6,491,933A	12/10/2002	Luienzi et al.	<u> </u>

Approved for use through 04/30/2003. OMB 0651-0031

Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO	COMPL	ETE IF KNOWN
	Application Number	10/645,080
INFORMATION DISCLOSURE	Confirmation Number	6935
STATEMENT BY APPLICANT	Filing Date	08/21/2003
(use as pany sheets as necessary)	First Named Inventor	Erik John Hasenoehrl
	Group Art Unit	1615
FEB 0 6 2004 (2)	Examiner Name	HASAN S. AHMED
SHEET 2 of 2	Attorney Docket Number	9344

# **U. S. PATENT DOCUMENTS**

EXAMINER INITIALS*	Cite No.1	DOCUMENT NUMBER  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
40	47	6,491,937A	12/10/2002	Slavtcheff et al.	
441	48	6.506.713 B1	01/14/2003	Slavtcheff et al.	

### FOREIGN PATENT DOCUMENTS

EXAMINER INITIALS*	Cite No.1	FOREIGN PATENT POCUMENT  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	T°
_4U	49	BR 9900032 A	08/08/2000	Langbeck		Abstract
	50	DE 10208678 A1	09/12/2002	Scholz et al.		Abstract
	51	DE 3529305	02/19/1987	Heidinger		Abstract
	52	DE 00175205	09/27/1906	Schmidt		Abstract
	53	EP 374638 A2	06/21/1990	Henkel KGAA		Abstract
	·54	EP 332066 A2	09/13/1989	Latzke		Abstract
	. 55	EP 1281393 A2 ·	02/05/2003	Bode Chem GmbH & Co		Abstract
	56	FR 2653059 A	04/19/1991	Minn. Mining Manufacturing		Abstract
	.57	JP 2003027094 A2	01/29/2003	Kanebo Ltd		· Abstract
	58	JP 2002302021 A2	10/15/2002	INOAC Corp	:	Abstract
	59	JP 2002275050 A2	09/25/2002	Kanebo Letd		Abstract
. /	60	JP 2002/017600 A2	01/22/2002	Bridgestone Kaseihin Tokyo KK		Abstract
	61	JP 59131638 A2	07/28/1984	Sanwa Kako KK		Abstract
	62	JP 55088730 A	07/04/1980	Earth Seiyaku KK		Abstract
	63	WO 90/11039 A1	10/04/1990	Cabo Corporation		
	64	WO 97/43366 A1	11/20/1997	Procter & Gamble		
	65	WO 99/20318 A2	04/29/1999	Advanced Medical Solutions		
	66	WO 2000/033780 A1	06/15/2000	Varona et al.		
	67	WO 2002/062566	08/15/2002	Advance USA		
<del>- 1, -</del>	68	WO 2002/085965 A1	12/31/2002	Henkel KGAA		Abstract
1	69	WO 2002/094214 A1	11/28/2002	Kanebo Limited		Abstract
310	71	WO 2003004070 A1	01/16/2003	Procter & Gamble	<u> </u>	
EXAMINER	2 11	ASAN S, AHMED		DATE CONSIDERED 200	LPTEMBER 2006	

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

SHEET 1 of 1

PTO/SB08A/B (04-03) Approved for use through 04/30/2003. OMB 0651-0031 Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

nd to a collection of information unless it contains a valid OMB control number Under the Paperwork Reduction Act of 1995, no persons are required to the

Substitute for form 1449A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

COMPL	ETE IF KNOWN
Application Number	10/645,080
Confirmation Number	6935
Filing Date	08/21/2003
First Named Inventor	Erik John Hasenoehrl
Group Art Unit	1615
Examiner Name	HASAN S. AHMED
Attorney Docket Number	9344

## **U. S. PATENT DOCUMENTS**

EXAMINER INITIALS*	Cite No.1	DOCUMENT NUMBER  Number - Kind Cods <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
41W	01	2,900,258 A	08/18//1959	Wagner	
-4a	02	2003/003136 A1	01/02/2003	Bergquist	
#	03	2003/080150 A1	05/01/2003	Davies et al.	•
_310	04	2003/150765 A1	08/14/2003	Bergquist et al.	
		-			
		· · · · · · · · · · · · · · · · · · ·			<del>                                     </del>

### **FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS*	Cite No.1	FOREIGN PATENT DO  Country Code <sup>3</sup> Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	Т <sup>6</sup>
_#a	05	DE 197 45 964 A		06/25/1998	Wella AG		Abstract
不	06	JP 08-268828 A		10/15/1996	Shiseido Co Ltd		Abstract
	07	JP 10-245075 A	V-0-1	08/14/1998	Kawai Hiroshi		Abstract
	08	WO 01/56542 A		08/09/2001	Unilever PLC		
<b>-</b>	09	WO 03/022230 A1		03/20/2003	Unilever PLC		
_\$100	10	WO 03/070211 A1		08/28/2003	Unilever PLC		
EXAMINE	HA	SAN S. AHMI	ED		DATE CONSIDERED 25	ptsmber 2006	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of U.S. Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁵Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB08A/B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031 Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

ation unless it contains a valid OMB control number Under the Paperwork Reduction Act of 1995, no

Substitute for form 1449A/PNOR TRADE

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

SHEET 1 of 1

COMPL	COMPLETE IF KNOWN				
Application Number	10/645,080				
Confirmation Number	6935				
Filing Date	08/21/2003				
First Named Inventor	Erik John Hasenoehrl				
Group Art Unit	1615				
Examiner Name	HASAN S. AHMSO				
Attorney Docket Number	9344				

## **U. S. PATENT DOCUMENTS**

EXAMINER INITIALS*	Cite No.1	DOCUMENT NUMBER  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear
240	01	5,888,249	03/30/1999	Laurila et al.	
	ļ		<u></u>		
	<del></del>	<u> </u>		<del></del>	
		<del>                                     </del>			
			<del></del>		
	<b></b>			<u> </u>	

### **FOREIGN PATENT DOCUMENTS**

EXAMINER INITIALS*	Cite No.1	FOREIGN PATENT DOCUMENT  Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear	7⁴
-3HQ	02	CN 1034404 A	08/02/2002	Faming Zhuanli Shenqing		Abstract
**************************************	03	JP 02-265516 A	10/30/1990	Daido-Maruta Finishing		Abstract
7	04	WO 99/46119 A1	09/16/1999	BBA Nonwovens Simpsonville		
	05	WO 2004/022025 A1	03/18/2004	Hinduston Lever Limited		
<u> </u>	06	WO 2004/058197 A1	07/15/2004	Hindustan Lever Limited		
_Ha	07	WO 2004/059062 A1	07/15/2004	Hindustan Lever Limited		
EXAMINE	HA	ISAN S. AHMED	<u> </u>	DATE CONSIDERED 3 St	PTEMBER 2006	

EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of U.S. Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, D.C. 20231. DO NÓT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.